

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136822.D
 Acq On : 29 Dec 2023 11:34
 Operator : CG\JU
 Sample : 05994-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-COMP

Quant Time: Dec 29 11:52:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

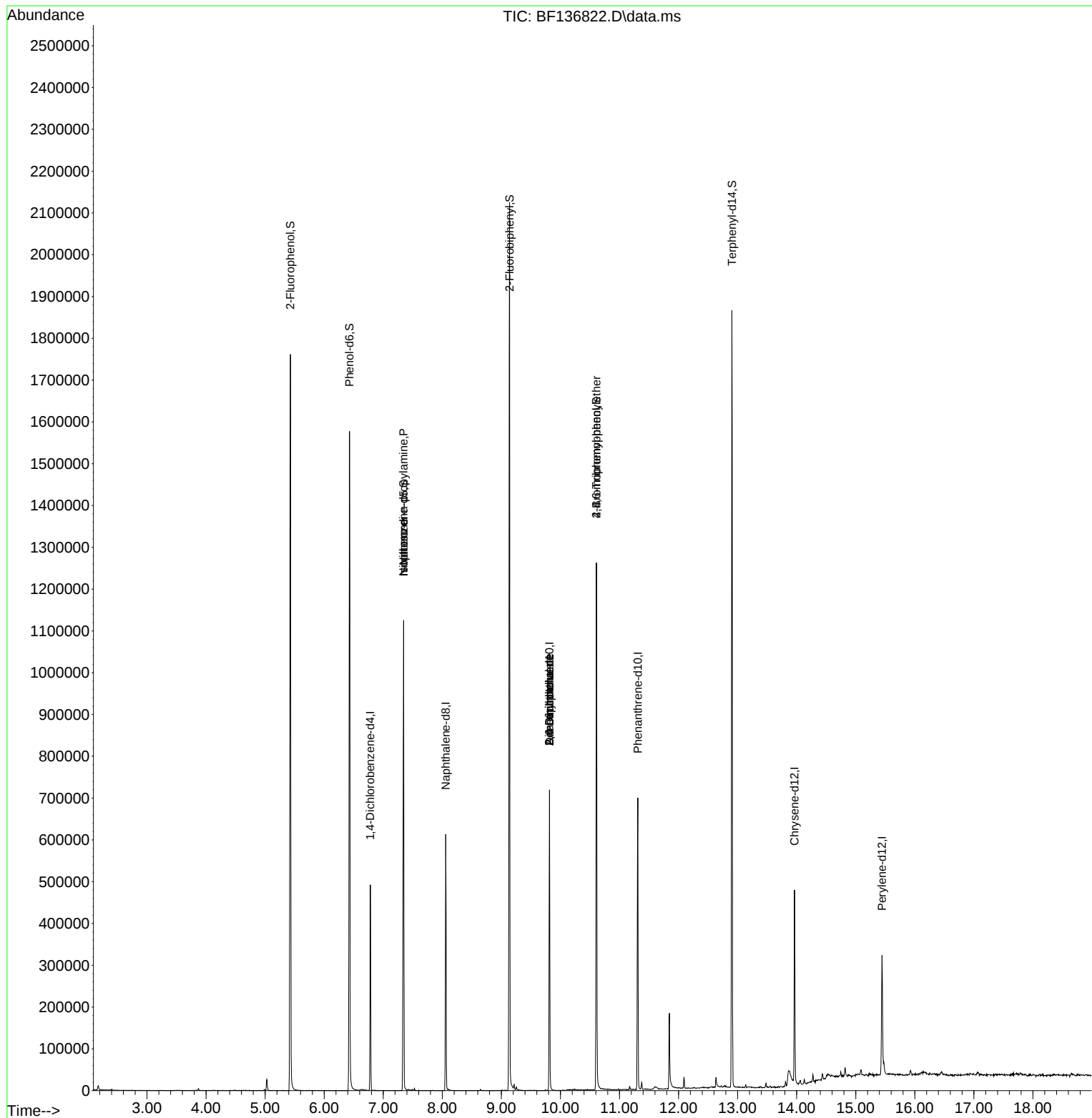
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67644	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	266708	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	135850	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	257805	20.000	ng	0.00
76) Chrysene-d12	13.963	240	152851	20.000	ng	0.00
86) Perylene-d12	15.445	264	135156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	452584	104.394	ng	0.00
7) Phenol-d6	6.428	99	571056	101.655	ng	-0.01
23) Nitrobenzene-d5	7.345	82	346292	66.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	163403	102.131	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	687254	68.042	ng	-0.01
79) Terphenyl-d14	12.904	244	678915	62.071	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	46083	13.533	ng	# 72
25) Isophorone	7.345	82	346287	36.513	ng	# 65
50) Dimethylphthalate	9.816	163	27591	2.781	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16411	7.287	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	16411	5.613	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	9398	3.282	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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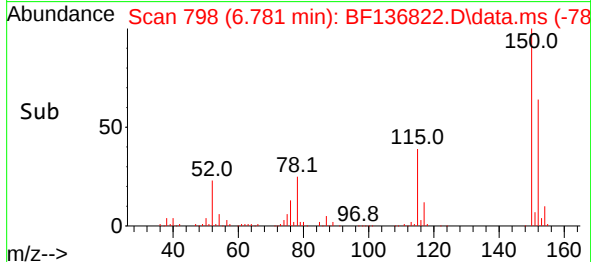
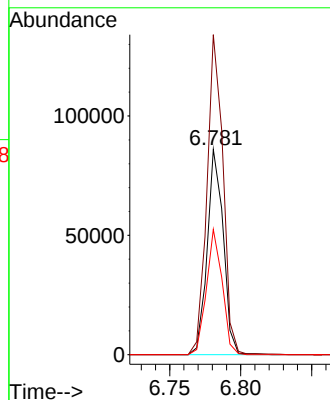
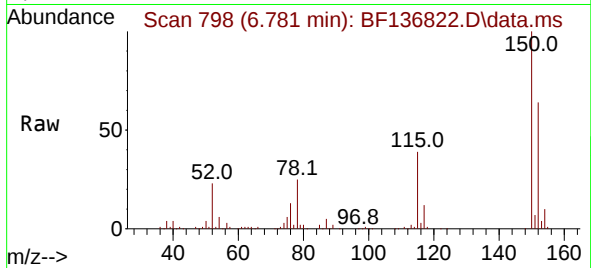




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

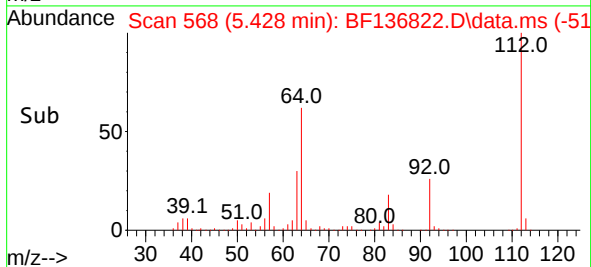
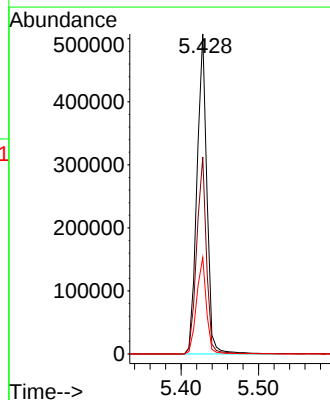
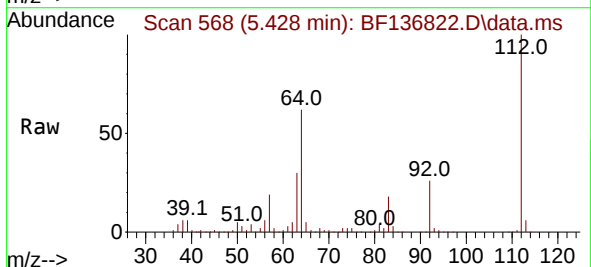
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

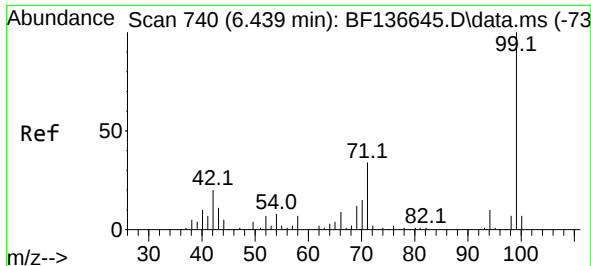
Tgt Ion:152 Resp: 67644
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 104.394 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:112 Resp: 452584
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.2 26.1 39.1

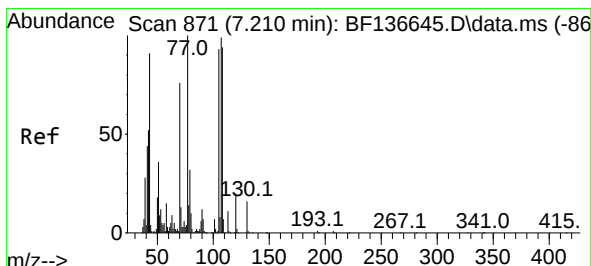
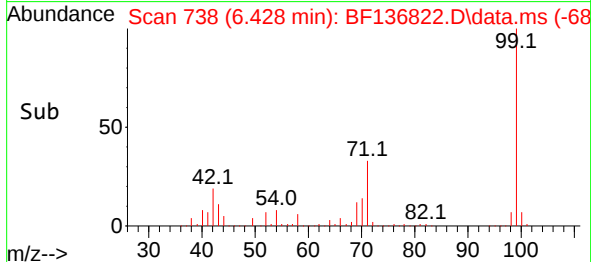
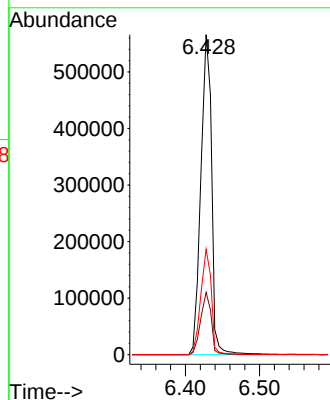
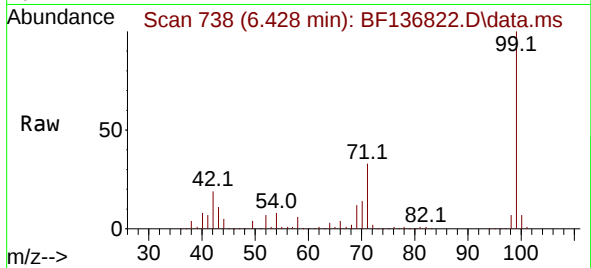




#7
Phenol-d6
Concen: 101.655 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

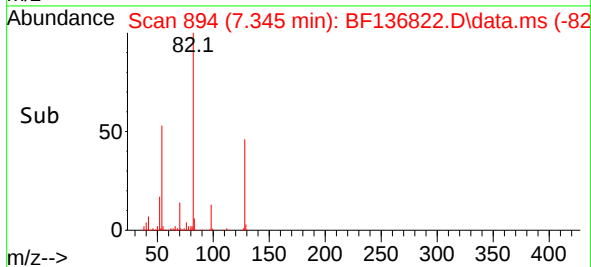
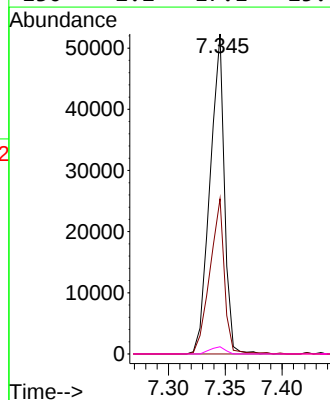
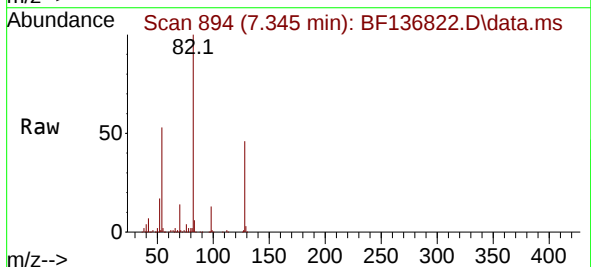
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion: 99 Resp: 571056
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.533 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion: 70 Resp: 46083
Ion Ratio Lower Upper
70 100
42 48.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



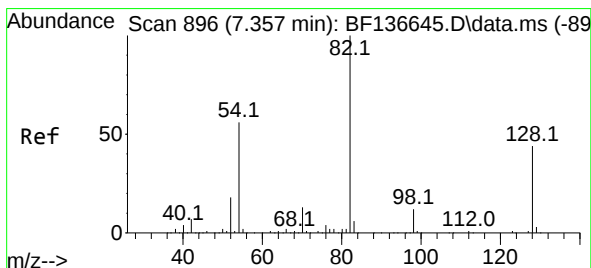
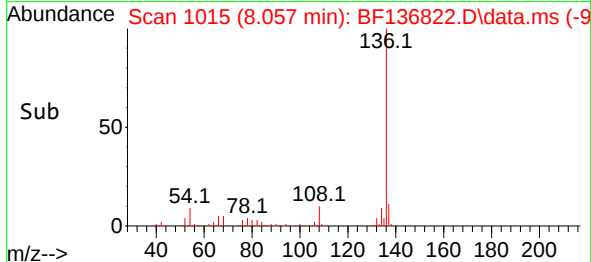
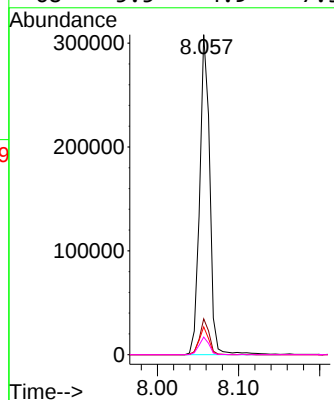
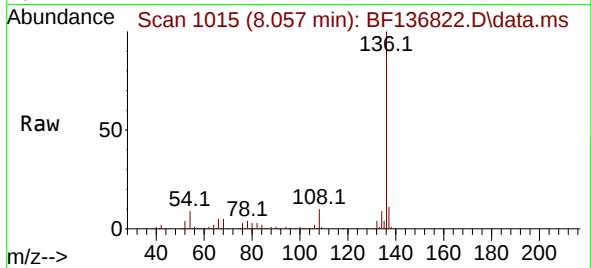


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion:136 Resp: 266708

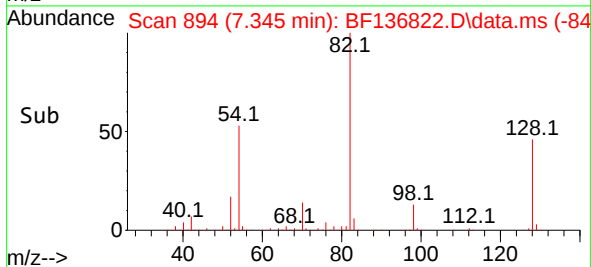
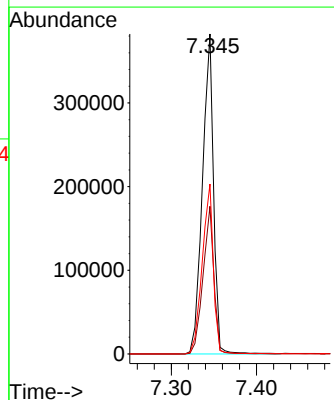
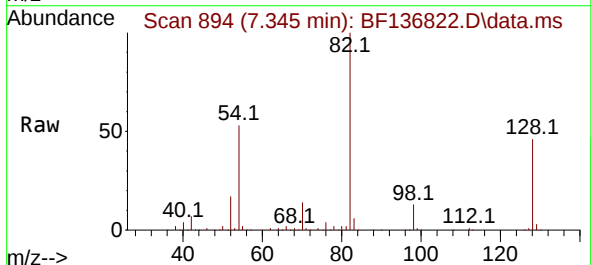
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.7	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 66.440 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion: 82 Resp: 346292

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.3	52.9
54	53.1	44.5	66.7

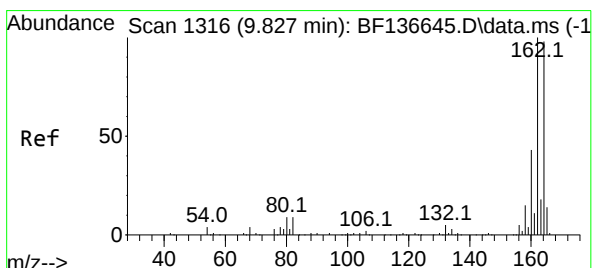
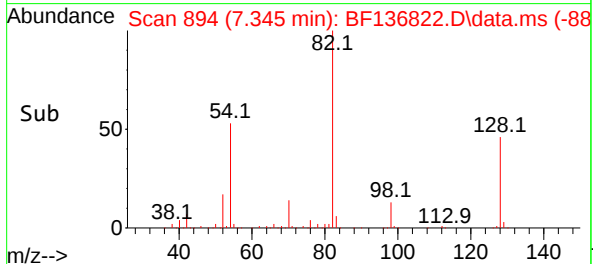
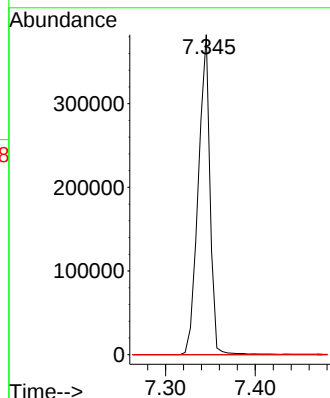
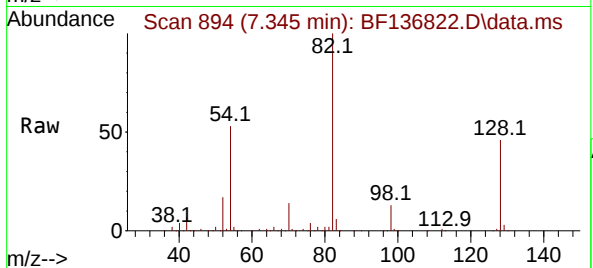




#25
Isophorone
Concen: 36.513 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

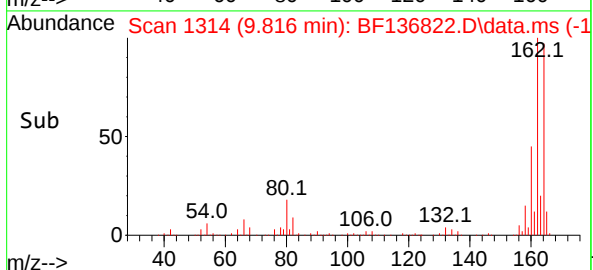
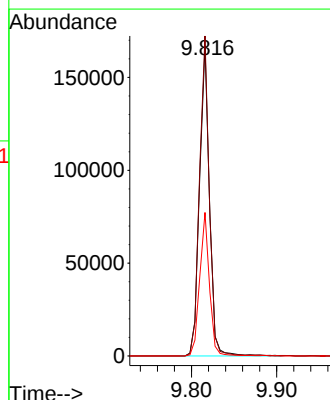
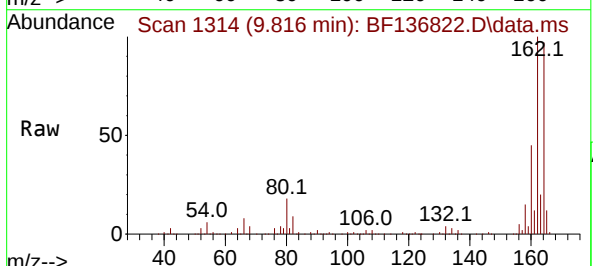
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion: 82 Resp: 346287
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:164 Resp: 135850
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 46.3 34.9 52.3

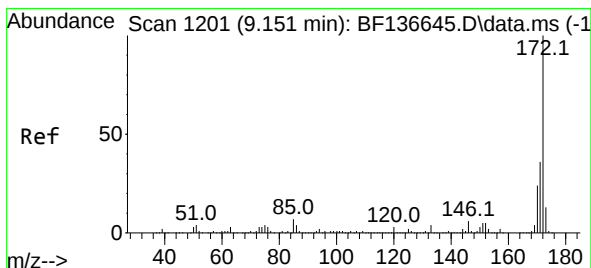
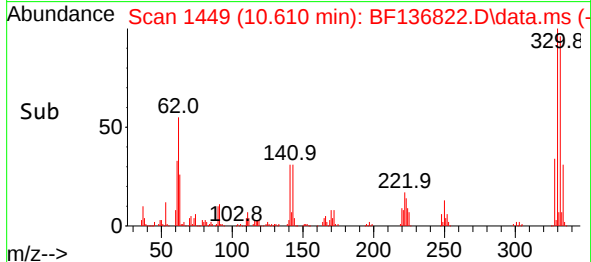
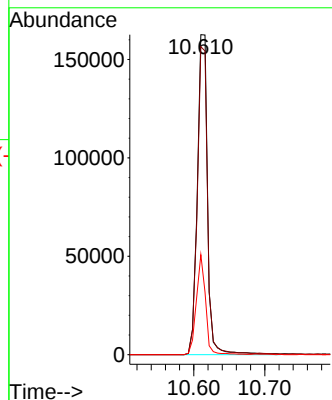
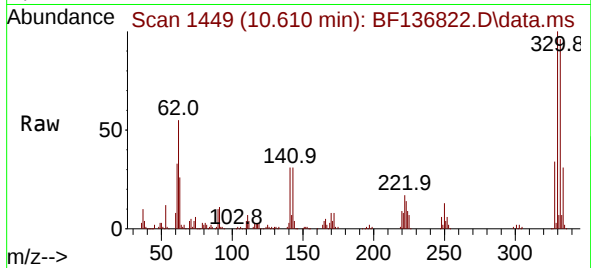




#42
2,4,6-Tribromophenol
Concen: 102.131 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

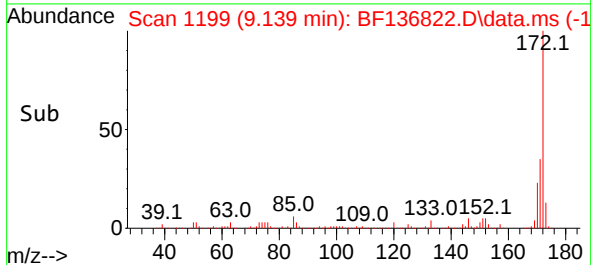
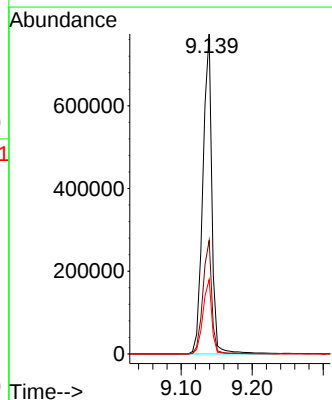
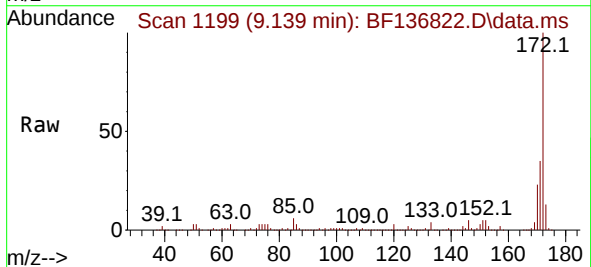
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion:330 Resp: 163403
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 68.042 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:172 Resp: 687254
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.2 19.0 28.4

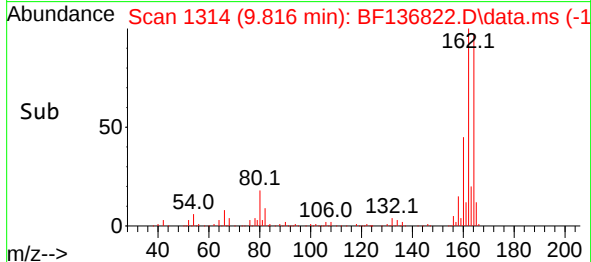
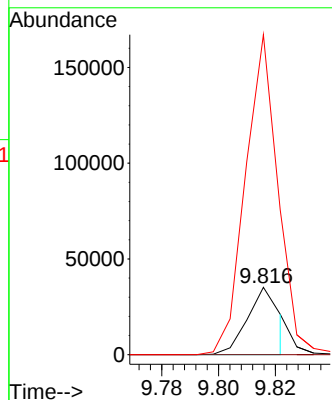
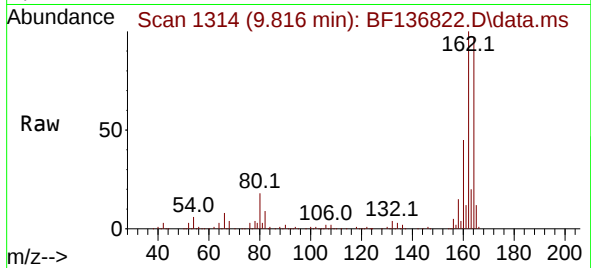




#50
Dimethylphthalate
Concen: 2.781 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

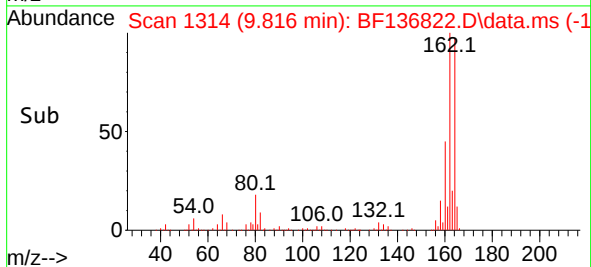
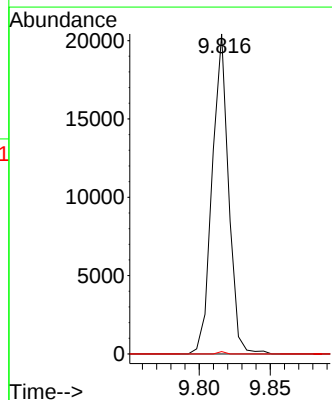
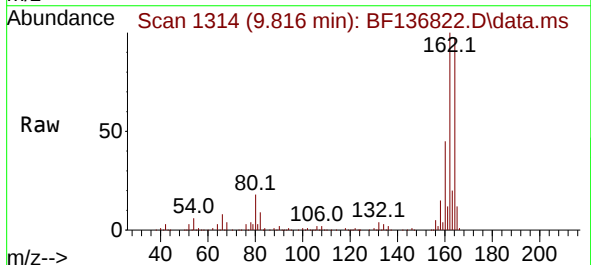
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion:163 Resp: 27591
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 475.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.287 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:165 Resp: 16411
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.7 38.8 58.2#

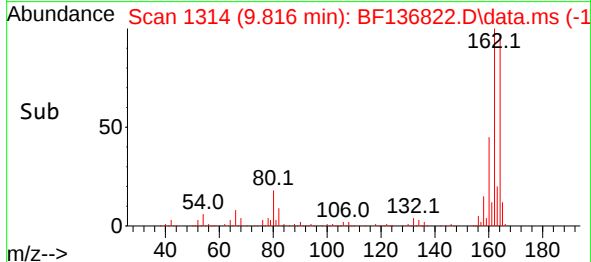
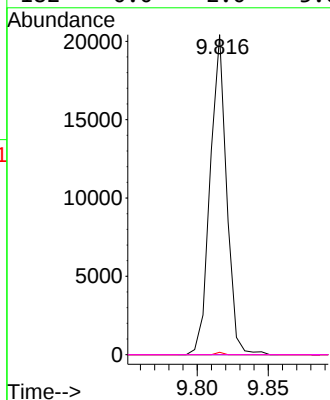
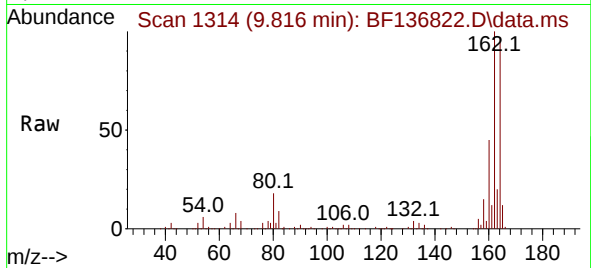




#57
2,4-Dinitrotoluene
Concen: 5.613 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

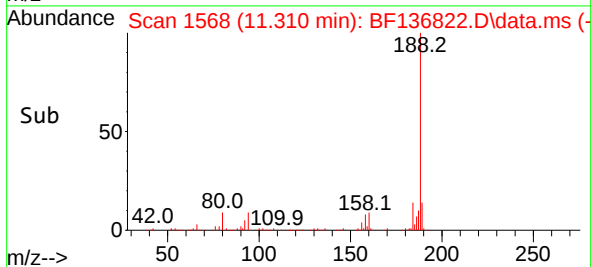
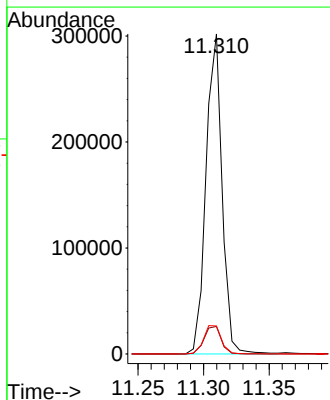
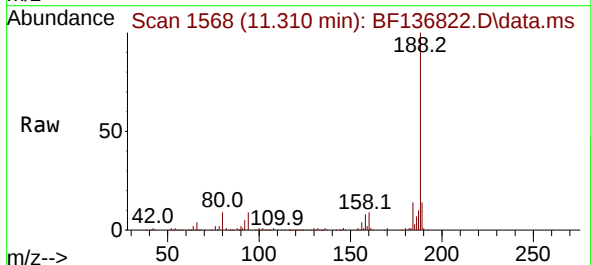
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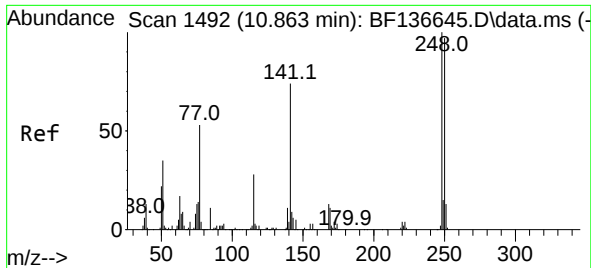
Tgt Ion:165 Resp: 16411
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:188 Resp: 257805
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 8.8 8.1 12.1

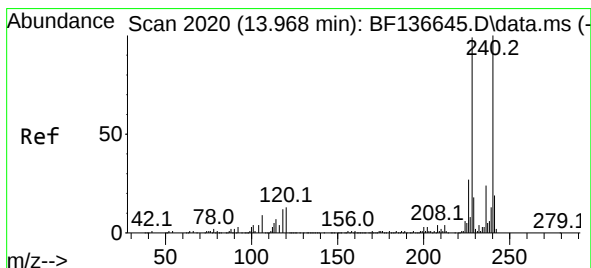
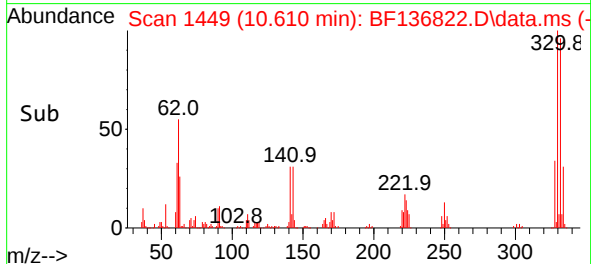
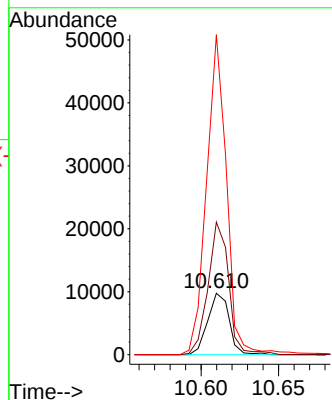
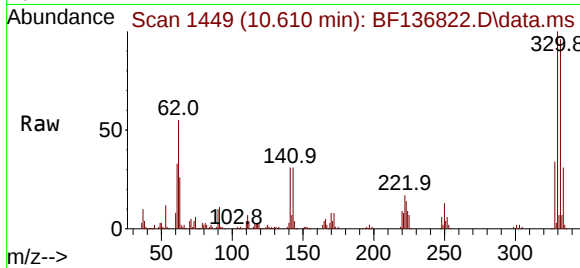




#67
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

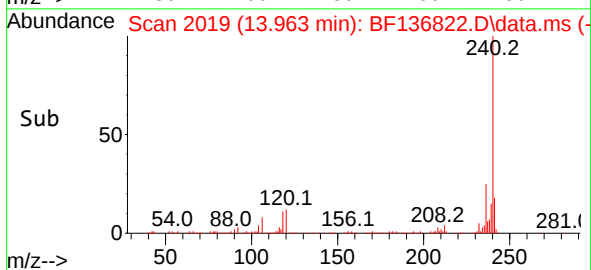
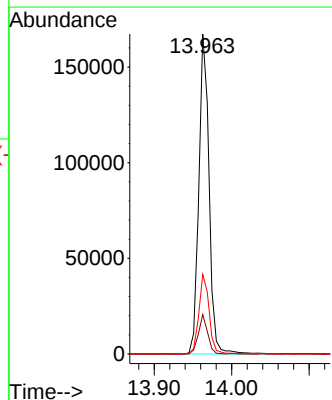
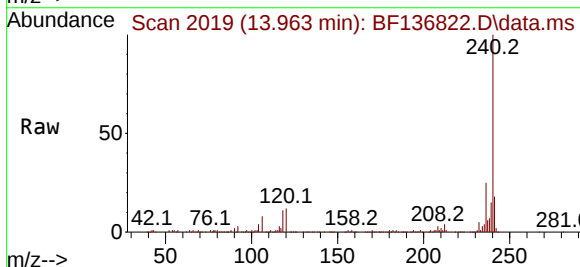
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Tgt Ion:248 Resp: 9398
Ion Ratio Lower Upper
248 100
250 215.8 77.8 116.6#
141 520.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136822.D
Acq: 29 Dec 2023 11:34

Tgt Ion:240 Resp: 152851
Ion Ratio Lower Upper
240 100
120 12.3 10.3 15.5
236 24.9 19.4 29.2

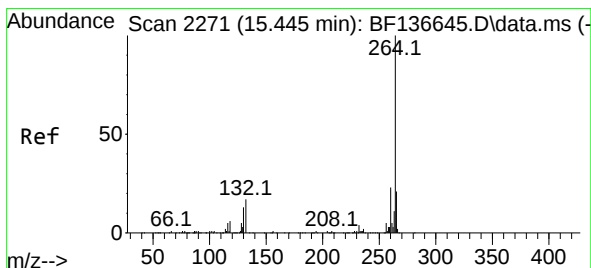
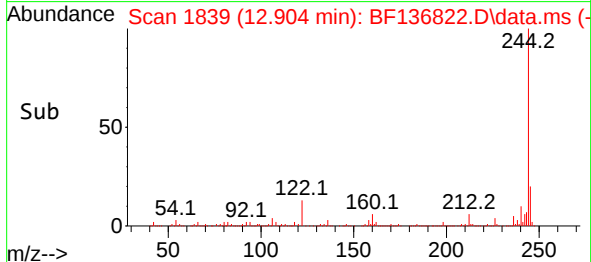
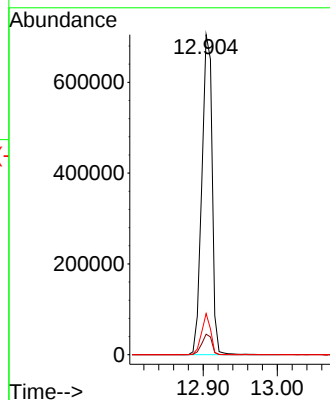
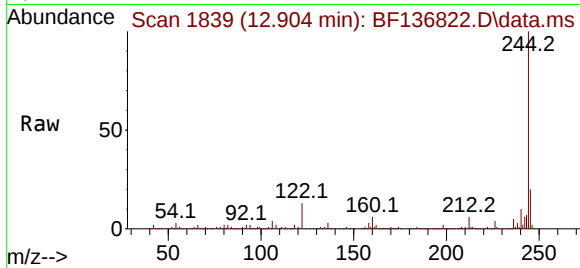




#79
 Terphenyl-d14
 Concen: 62.071 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136822.D
 Acq: 29 Dec 2023 11:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-COMP

Tgt Ion:244 Resp: 678915
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136822.D
 Acq: 29 Dec 2023 11:34

Tgt Ion:264 Resp: 135156
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 21.1 17.0 25.6

